

City of

# ROBINSON

Texas

CITY OF ROBINSON PUBLIC INFORMATION REPORT

MARCH 2018, SECTION 2



## Elevated Storage Tank Construction



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### Calendar:

- City Council Meeting  
March 6, 6 p.m.
- Planning & Zoning Meeting  
March 20, 6 p.m.
- City Hall Closed -  
Good Friday  
March 30, All Day  
(Solid Waste Collections will run normal)
- The Great Robinson Easter Egg Hunt -  
March 30, 4 p.m. to 6 p.m.
- City Council Meeting  
April 3, 6 p.m.
- Chipper/Shredder Day/Bulk Trash  
April 7, 8:30 a.m. to 1 p.m.

### Contact:

City of Robinson, TX  
111 W Lyndale  
Robinson, TX 76706

Phone: 254.662.1415  
Fax: 254.6621035  
Utilities@RobinsonTexas.org

After hours & Weekends  
254.662.0525

The City currently provides drinkable water to over 4400 individual connections and is also contracted to provide wholesale treated water to the City of Lorena and does this through a ground and surface water system. Both systems are regulated by minimum standards for safety. The surface water and ground water system is regulated by the Texas Commission on Environmental Quality (TCEQ). The Southern Trinity Underground Water District in McLennan County monitors ground water levels and sets the usage amounts for municipalities. If these minimum standards are not met by the City there are consequences enforced by either entity.

The City of Robinson's water system began as a groundwater system by the interconnection of water wells that were drilled into the Trinity Aquifer. With the growing demand for treated water and a declining water level in the aquifer, the City constructed a surface water treatment plant in the 1990's to supplement the existing groundwater system. In the late 1990's the city added an upper pressure plane. Pressure planes are isolated areas of the water delivery system that maintain a specific range of water pressures. These planes are established to ensure there is enough pressure to supply water to individual connections and also used as a water storage facility for emergency situations. These pressure planes are generally identified by the elevation of the area, so that adequate water pressure can be supplied to all areas. Higher locations in the City would be served by water storage tanks located at a higher elevation than those areas in the City with lower elevations.

Water storage and water distribution both play an important role in a water system functioning properly. Water storage can be designated by different categories based on its use and location. A water system must meet the overall storage requirements based on the number of connections. Elevated storage requirements must also be met for each pressure plane. Water distribution lines are used to transport drinkable water to service connections which must meet requirements set by TCEQ and maintain a minimum pressure of 35 psi during the peak demand period. The peak demand period is defined by applying a peaking factor at each service connection based on the past peak demand for the City.

Using the inventory of storage tanks, the existing storage system was examined based on the required limits set by TCEQ and it was determined we are nearing a deficit in elevated storage for the lower pressure plane while the upper pressure plane has a small surplus. A water model was also used to

## Elevated Storage Tank Construction Cont'd

analyze the City's existing water distribution system which determined the area between Dayton Drive and N. Old Robinson Road fell below the 35 psi during the peak demand period. To meet and exceed pressure concerns in this area the City is contracting with a company called Landmark, with oversight by the City Engineer, to build an elevated tank adjacent to the I-35 northbound access road creating a middle pressure plane. Once this new pressure plane is in operation, the area between Dayton Drive and N. Old Robinson Road would be connected to the new pressure plane reducing the number of connections in the lower pressure plane while creating a surplus in elevated storage. This tank will serve the middle pressure plane, provide an additional supply to the lower pressure plane through a control valve, and meet pressure requirements per the City of Waco contract. In order to receive water from Waco the contract states we must provide our own pressure.



The elevated storage tank project for Robinson is expected to be completed around March or April of 2019, weather permitting. We will continue to provide updates and pictures of the progress via city newsletter and social media sites. Make sure to follow us @CityofRobinson on Facebook and Twitter.

The company Landmark specializes in construction of water storage tanks and one of their current projects is the City of Waco elevated storage tank being built right off Loop 340 near the Richland Mall.

## Robinson Easter Egg Hunt

### THE Great Robinson Easter Egg HUNT Brookshire's

presented by:

# 3.30.18

10 & Under • Peplow Park • 4 to 6 pm

There will be music, inflatables, food trucks, face painting, hair coloring + over 17,000 EGGS!

Make sure to arrive by 4 pm to get lined up, Easter Egg Hunt will start at 4:15. There will be a 4 and under area & a 10 and under area. Visit @CityofRobinson on Facebook for age area line-up on map. Limit of 28 eggs per child.

Sponsored by:



## Solid Waste Contract Negotiations



- At the March City Council meeting council approved the City Manager to begin contract negotiations with Waste Management for solid waste services in the City of Robinson. The type of services being negotiated in the contract
- are residential solid waste cart collection along with every other
- week recycle in addition to yard waste, bulk, and household
- hazardous waste. Both solid waste and recycle carts will be
- 96-gallons each. Commercial services include once a week
- service with the choice of utilizing small carts or front load
- dumpsters. Waste Management will work with each individual
- commercial account to come up with a cart or dumpster service
- that fits their needs.
- The hope is to have the solid waste contract finalized with Waste
- Management for approval at the April City Council meeting. Once
- the contract is approved the city will be working very closely with
- Waste Management to get education out to all residents.

## Community News

### Veterans Appreciation Breakfast



The Robinson Area Lions Club will be hosting a free pancake appreciation breakfast for all Robinson Veterans and spouse or guest.

**We Serve**  
Saturday, April 14, 2018,  
from 8 a.m. to 10 a.m. at the Peplow Park Pavilion (next to Brookshire's) in Robinson. Reservations are not required but helpful. For more information or to RSVP contact Mike or Linda Sanders at 254.881.1821.

## JOIN US!

AT  
DATE, TIME, & LOCATION  
COMING SOON



# ROBINSON Recycles



Saturday, April 21st  
11 a.m. to 1 p.m.  
Peplow Park

Fun activities, education, and free recycling.



Girl Scout Troup 7064



An Earth Day  
celebration



STAY CONNECTED

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[www.robinsontexas.org](http://www.robinsontexas.org)